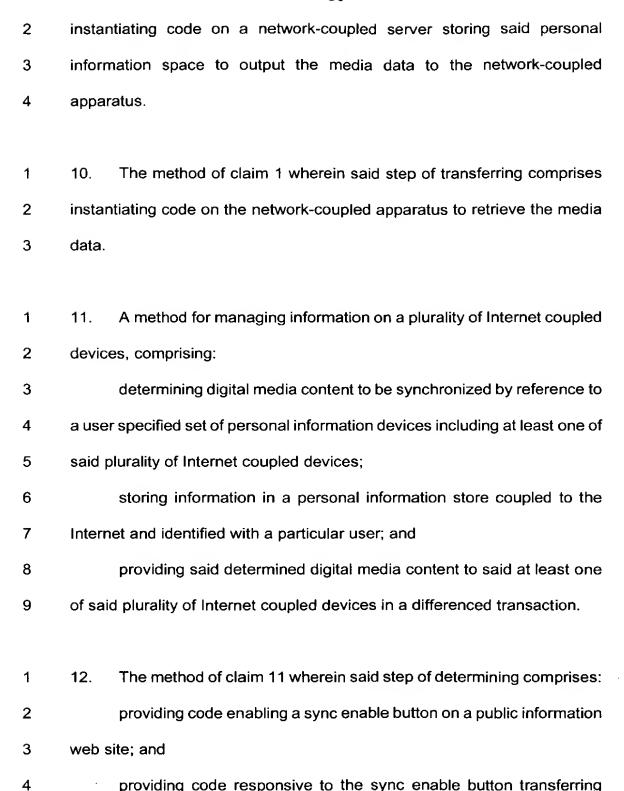## CLAIMS

What is claimed is:

1.   A method for transferring media data to a network coupled apparatus, comprising:

    (a)   maintaining a personal information space identified with a user including media data, the personal information space being coupled to a network; and

    (b)   transferring at least a portion of the media data from the personal information space to the network coupled apparatus in a differencing transaction in response to a user request.

2.   The method of claim 1 further including the step, prior to step (a), of receiving information into the personal information space.

3.   The method of claim 2 wherein the step of receiving comprises receiving data from a first network coupled apparatus, and said step (b) includes transferring said media data to a second network coupled apparatus.

4.   The method of claim 1 further including the step, following step (a), of identifying the private information space associated with the user by prompting a user login from said automotive computer and retrieving login

4   information input by the user.

1   5.   The method of claim 1 wherein said step (b) comprises transferring

2   said at least a portion of media data in the form of a plurality of differencing

3   transactions.

1   6.   The method of claim 1 wherein the digital media comprises a directory

2   of digital media files.

1   7.   The method of claim 1 wherein said step (a) comprises providing a

2   storage server having a network connection, and code on the storage server

3   interacting with the personal information space; and the method further

4   includes the step, prior to said step (b), of:

5   generating at least a first differencing transaction comprising at least

6   a portion of said media data to be transferred in said step (b).

1   8.   The method of claim 1 wherein the method further includes:

2   (c)   providing code on a network-coupled apparatus which receives

3   said at least portion of the media data and stores the media data on the

4   network-coupled apparatus.

1   9.   The method of claim 1 wherein said step of transferring comprises

2   instantiating code on a network-coupled server storing said personal

3   information space to output the media data to the network-coupled

4   apparatus.

1   10.   The method of claim 1 wherein said step of transferring comprises

2   instantiating code on the network-coupled apparatus to retrieve the media

3   data.

1   11.   A method for managing information on a plurality of Internet coupled

2   devices, comprising:

3   determining digital media content to be synchronized by reference to

4   a user specified set of personal information devices including at least one of

5   said plurality of Internet coupled devices;

6   storing information in a personal information store coupled to the

7   Internet and identified with a particular user; and

8   providing said determined digital media content to said at least one

9   of said plurality of Internet coupled devices in a differenced transaction.

1   12.   The method of claim 11 wherein said step of determining comprises:

2   providing code enabling a sync enable button on a public information

3   web site; and

4   providing code responsive to the sync enable button transferring

5   public media content to a field.

1   13.   The method of claim 11 wherein the step of determining comprises

2   selecting digital media content from a public Internet server.

1   14.   The method of claim 11 wherein said step of determining comprises

2   selecting digital media content on a network-coupled apparatus.

1   15.   The method of claim 14 wherein the network-coupled apparatus is a

2   personal computer.

1   16.   The method of claim 14 wherein the network-coupled apparatus is a

2   stereo.

1   17.   The method of claim 14 wherein the network-coupled apparatus is an

2   automotive personal computer.

1   18.   The method of claim 14 wherein the network-coupled apparatus is an

2   MP3 player.

1   19.   The method of claim 14 wherein the step of determining comprises

2   selecting digital content from a secured Internet site.

1   20.   The method of claim 11 wherein said step of providing comprises

2   transferring differences in the digital media file, and further includes the step

3   of:

4   storing said digital media content on said Internet-coupled devices.

1   21.   The method of claim 11 wherein said step of providing comprises

2   providing a plurality of differenced transactions in a streaming format for

3   processing by the Internet-coupled device.

1   22.   The method of claim 11 wherein said step of determining comprises:

2   providing code enabling a sync enable button on a public information

3   web site; and

4   providing code responsive to the sync enable button to initiate a

5   transfer of the digital media.

1   23.   A method of managing media information, comprising:

2   (a)   providing at least one information server including at least one

3   private information store, the server being coupled to a network; and

4   (b)   receiving change transactions from a digital media access

5   agent, the transactions indicating to add, delete or modify digital media in the

6   private information store.

1   24.   The method for managing media information of claim 23 wherein said

2   step (b) comprises the sub-steps of:

3   (b1)   providing an agent the information server; and

4   (b2)   instantiating the agent to request change transactions from at

5   least one network-coupled apparatus.

1   25.   The method for managing media information of claim 23 further

2   including the steps of:

3   providing an agent on said information server to generate change

4   transactions;

5   providing an agent on a network-coupled apparatus to receive the

6   change transactions; and

7   instantiating the agent on the network-coupled apparatus to request

8   from the agent on the at least one information server said change

9   transactions.

1   26.   The method of claim 23 further including the step of adding, deleting,

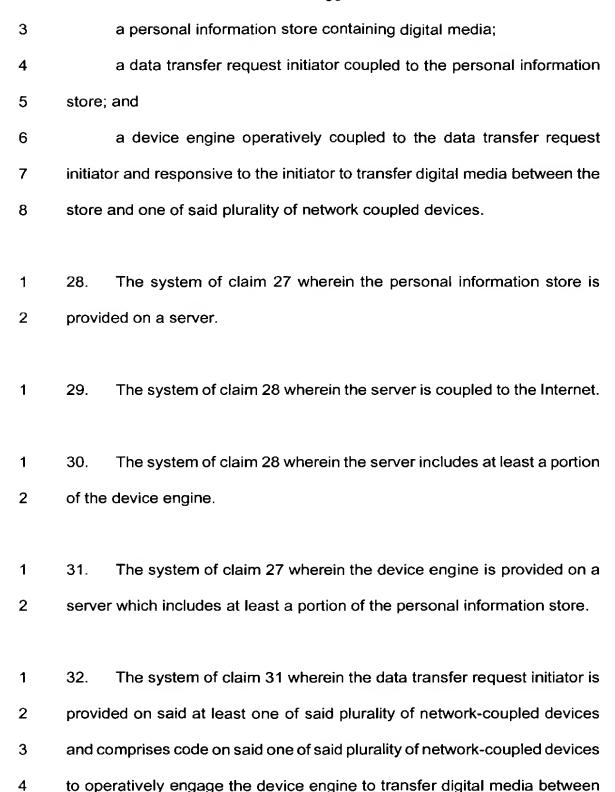2   or modifying digital media in the private information store.

1   27.   A system for transferring digital media between a plurality of network

2   coupled devices, comprising:

3   a personal information store containing digital media;

4   a data transfer request initiator coupled to the personal information

5   store; and

6   a device engine operatively coupled to the data transfer request

7   initiator and responsive to the initiator to transfer digital media between the

8   store and one of said plurality of network coupled devices.

1   28.   The system of claim 27 wherein the personal information store is

2   provided on a server.

1   29.   The system of claim 28 wherein the server is coupled to the Internet.

1   30.   The system of claim 28 wherein the server includes at least a portion

2   of the device engine.

1   31.   The system of claim 27 wherein the device engine is provided on a

2   server which includes at least a portion of the personal information store.

1   32.   The system of claim 31 wherein the data transfer request initiator is

2   provided on said at least one of said plurality of network-coupled devices

3   and comprises code on said one of said plurality of network-coupled devices

4   to operatively engage the device engine to transfer digital media between

5   the store and the one of the plurality of network-coupled devices.

1   33.   The system of claim 27 wherein the device engine is provided on said

2   one of said plurality of network-coupled devices.

1   34.   A media server coupled to an open system communications network,

2   comprising:

3   an information store including a user defined set of digital media;

4   code, responsive to a request from the user, to provide digital media

5   comprising at least one member of the user defined set of digital media to

6   the user via a user agent.

1   35.   The media server of claim 34 wherein said code generates a set of

2   at least one differenced transaction to provide said digital media to the user.

1   36.   The media server of claim 34 wherein said code comprises a device

2   engine generating differenced transactions to provide said digital media to

3   the user via a user agent.

1   37.   The media server of claim 34 wherein the information store comprises

2   a series of differenced transactions divided into individual sets of digital

3   media.